

**Amendments to the Specification:**

Please replace paragraph [0044] of the application as published with the following amended paragraph:

[0044] For example assume that 13 tasks (i.e.,  $V = 13$ ) are to be shared by the eight PEs (i.e.,  $PE_0$  through  $PE_7$ ). Without the rounding function, the local mean for each PE would be  $PE_r = 1.625$  before rounding (i.e.,  $13 \div 8 = 1.625$ ). If the fraction thirteen-eighths is set to round down for each PE (i.e.,  $13 \div 8 = 1$ ), then the sum of the means for all of the individual PEs (i.e.,  $PE_0$  through  $PE_7$ ) is equal to eight (8) and five ( $13 - 8 = 5$ ) tasks are lost. In contrast, if the fraction thirteen-eighths is set to round up for each PE (i.e.,  $13 \div 8 = 2$ ), then the sum of the means for all of the individual PEs (i.e.,  $PE_0$  through  $PE_7$ ) is equal to sixteen (16) and three ( $16 - 13 = 3$ ) extra tasks are gained. The rounding function is discussed in more detail in U.S. Patent Application Serial No. 10/689,382 [[\_\_\_\_]] entitled "Method for Rounding Values for a Plurality of Parallel Processing Elements" filed October 20, 2003 ~~\_\_\_\_\_ (DB001064-000, Micron no. 02-1269)~~ and incorporated in its entirety by reference herein.